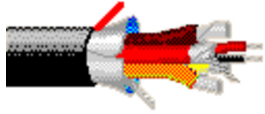




Product: [1511C](#)



Audio Snake Cable, 6 Pr #24 Str TC, Individ. Shielded and Jacketed, O/A Foil, Flexible PVC Jkt, CM

### Product Description

Audio Snake Cable, 6 Pair 24 AWG (7 x 32) Tinned Copper, Polypropylene insulation, Individually Foil Shielded and Jacketed, Overall Beldfoil® Shield, Flexible PVC Jacket, CM

### Technical Specifications

#### Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; analog audio
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	TC - Tinned Copper	0.024 in	6

Conductor Count:	12
Total Number of Pairs:	6

##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.04 in	0.008 in

##### Color Chart

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue

##### Inner Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.024 in	24	7x32

##### Inner Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.113 in	0.015 in

##### Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.046 in	18	7x26

##### Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.418 in	0.037 in	Yes

#### Electrical Characteristics

## Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance
15.9 Ohm/1000ft	23.3 Ohm/1000ft	23.3 Ohm/1000ft

## Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31 pF/ft	58 pF/ft

## Inductance

Nominal Inductance
0.18 $\mu$ H/ft

## Impedance

Nominal Characteristic Impedance
50 Ohm

## Delay

Nominal Velocity of Propagation (VP) [%]
66%

## Current

Max. Recommended Current [A]
1.05 Amps per Conductor at 25°C

## Voltage

UL Voltage Rating
300 V RMS

## Temperature Range

Operating Temperature Range:	-35°C To +75°C
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## Mechanical Characteristics

Bulk Cable Weight:	94 lbs/1000ft
Max. Pull Tension:	122 lbs
Min. Bend Radius/Minor Axis:	4.25 in

## Standards

NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM
CPR Euroclass:	Eca

## Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
1511C B59500	Black, Matte	Reel	500 ft	612825116813
1511C B591000	Black, Matte	Reel	1,000 ft	612825116806
1511C B595000	Black, Matte	Reel	5,000 ft	612825431275

Footnote: C - CRATE REEL PUT-UP.

### History

Update and Revision: Revision Number: 0.434 Revision Date: 02-03-2025

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